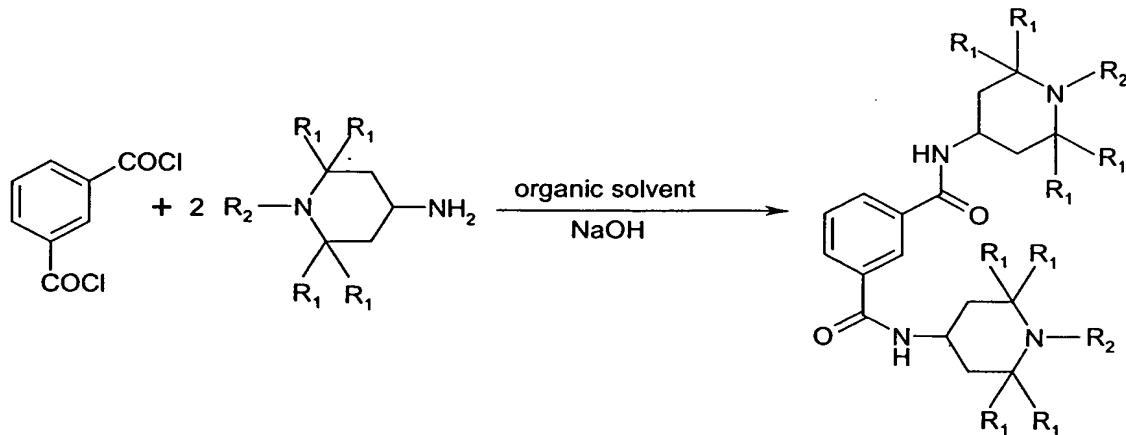


CLAIMS

5 1. Process for the preparation of stabilizers of general formula (I) by condensation of isophthalic acid dichloride (IPC) with sterically hindered amines of general formula (II),



10

IPC

(II)

(1)

wherein R₁ is H, C₆-cycloalkyl or C₁-C₄-alkyl, and R₂ is H, C₁-C₅-alkyl, or a C₁-C₁₀-alkyloxy-group, characterized in that organic solvents or mixtures thereof with water and an optimized combination of pressure and temperature are used during the whole process.

15

2. Process according to claim 1 characterized in that R₁ is H or C₁-C₂-alkyl and R₂ is H or C₁-C₂-alkyl.

3. Process according to claim 1 characterized in that R₁ is methyl and R₂ is H.

20 4. Process according to any of claims 1 to 3 characterized in that the molar ratio of IPC to the amine (II) is from 1 to 1.8 - 2.0.

5. Process according to any of claims 1 to 4 characterized in that the solvent is xylene, ethanole or isopropanole or a mixture of 60 - 80 % isopropanole and 20 - 40 % water by volume.

25

10/525149
BT01 Rec'd PCT/... 18 FEB 2005

6. Process according to any of claims 1 to 5 characterized in that the IPC is added to the amine (II) in the solvent/water/NaOH solution at a temperature of 25 to 35°C and that the reaction mixture is stirred for 50 to 70 minutes at the same temperature.
- 5
7. Process according to claim 6 characterized in that the reaction mixture is then heated in an autoclave to a temperature of 90 - 110 °C and to a system pressure of 1.3 - 1.7 bars.
- 10 8. Process according to claim 7 characterized in that a phase separation takes place and that the organic phase, after addition of water, is heated to a temperature of 130 - 140 °C and to a pressure of 3.0 - 4.0 bars.
9. Process according to claim 8 characterized in that after cooling to ambient
- 15 temperature the compound of formula (I) is isolated.